Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a synchronism pattern detecting position recording means for recording a synchronism timing at which the synchronism pattern of the reception data is detected;

a collation and synchronism decision means for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a synchronism control means operative, when the collation and synchronism decision means gives a decision for inconsistency in phase, for a match between a timing at which the synchronism pattern is detected after the synchronism timing, which is recorded in the synchronism pattern detecting position recording means, is repeated and a timing of a synchronism pattern of the expectation data.

2. (Withdrawn) A reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a synchronism pattern detecting timing recording means for recording a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data;

a collation and synchronism decision means for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating means operative when the collation and synchronism decision means

gives a decision for inconsistency in phase, for a match· between the synchronism pattern detecting timing recorded in the synchronism pattern detecting timing recording means, as a subsequent one, and a timing of a synchronism pattern of the expectation data.

3. (Withdrawn) A reception data synchronizing apparatus according to claim 2, wherein the timing generating means transmits a predetermined reference timing signal, and the synchronism pattern detecting timing recording means records the reference timing signal when the synchronism pattern is detected, as the synchronism pattern detecting timing.

4. (Withdrawn) A reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording means for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as an initial one at which the synchronism pattern is initially detected;

a collation and synchronism decision means for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating means operative, when the collation and synchronism decision means gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data from the synchronism pattern detecting timing, as the initial one, by the time difference recorded in the synchronism patter detecting timing recording means.

5. (Withdrawn) A reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording means for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as a previous one at which the synchronism pattern is detected in a previous time;

a collation and synchronism decision means for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating means operative, when the collation and synchronism decision means gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data by the time difference recorded in the synchronism pattern detecting timing recording means.

6. (Currently Amended) A reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation

data as an expected value of the reception data, comprising:

a synchronism pattern detecting position recording step for recording a synchronism timing at which the synchronism pattern of the reception data is detected;

a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a synchronism control step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for a match between a timing at which the synchronism pattern is detected after the synchronism timing, which is recorded in the synchronism pattern detecting position recording step, is repeated and a timing of a synchronism pattern of the expectation data.

7. (Withdrawn) A reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a synchronism pattern detecting timing recording step for recording a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data;

a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for a match between the synchronism pattern detecting timing recorded in the synchronism pattern detecting timing recording step, as a subsequent one, and a timing of a synchronism pattern of the expectation data.

8. (Withdrawn) A reception data synchronizing method according to claim 7, wherein the timing generating step transmits a predetermined reference timing signal, and the synchronism pattern detecting timing recording step records the reference timing signal when the synchronism pattern is detected, as the synchronism pattern detecting timing.

9. (Withdrawn) A reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

A phase difference recording step for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as an initial one at which the synchronism pattern is initially detected;

a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data from the synchronism pattern det4ecting timing, as the initial one, by the time difference recorded in the synchronism pattern detecting timing recording step.

10. (Withdrawn) A reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording step for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as a previous one at which the synchronism pattern is

detected in a previous time;

a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data by the time difference recorded in the synchronism pattern detecting timing recording step.

11.   (Currently Amended) A computer-readable medium embodying a program of instructions for execution by the computer to perform a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a synchronism pattern detecting position recording step for recording a synchronism timing at which the synchronism pattern of the reception data is detected;

a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a synchronism control step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for a match between a timing at which the synchronism pattern is detected after the synchronism timing, which is recorded in the synchronism pattern detecting position recording step, is repeated and a timing of a synchronism pattern of the expectation data.

12. (Withdrawn) A computer-readable medium embodying a program of instructions for execution by the computer to perform a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a synchronism pattern detecting timing recording step for recording a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data;

a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for a match between the synchronism pattern detecting timing recorded in the synchronism pattern detecting timing recording step, as a subsequent one, and a timing of a synchronism pattern of the expectation data.

13. (Withdrawn) A computer-readable medium according to claim 12, wherein the timing generating step transmits a predetermined reference timing signal, and the synchronism pattern detecting timing recording step records the reference timing signal when the synchronism pattern is detected, as the synchronism pattern detecting timing.

14. (Withdrawn) A computer-readable medium embodying a program of instructions for execution by the computer to perform a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording step for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as an initial one at which the synchronism pattern is initially detected;

a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data from the synchronism pattern detecting timing, as the initial one, by the time difference recorded in the synchronism pattern detecting timing recording step.

15.   (Withdrawn) A computer-readable medium embodying a program of instructions

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for execution by the computer to perform a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording step for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as a previous one at which the synchronism pattern is detected in a previous time;

a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data by the time difference recorded in the synchronism pattern detecting timing recording step.

16.   (Currently Amended)   A reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a synchronism pattern detecting position recording device that records a synchronism timing at which the synchronism pattern of the reception data is detected;

a collation and synchronism decision device that collates the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a synchronism control device operative, when the collation and synchronism decision device gives a decision for inconsistency in phase, for a match between a timing at which the synchronism pattern is detected after the synchronism timing, which is recorded in the synchronism pattern detecting position recording device, is repeated and a timing of a synchronism pattern of the expectation data.

17. (Withdrawn) A reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a synchronism pattern detecting timing recording device that records a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data;

a collation and synchronism decision device that collates the reception data with reference data to decide whether or not the reception data is consistent I phase with the reference data; and

a timing generating device operative, when the collation and synchronism decision device gives a decision for inconsistency in phase, for a match between the synchronism pattern detecting timing recorded in the synchronism pattern detecting timing recording device, as a subsequent one, and a timing of a synchronism pattern of the expectation data.

18. (Withdrawn) A reception data synchronizing apparatus according to claim 2, wherein the timing generating device transmits a predetermined reference timing signal, and the synchronism pattern detecting timing recording device records the reference timing signal when the synchronism pattern is detected, as the synchronism detecting timing.

19. (Withdrawn) A reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording device that records a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as an initial one at which the synchronism pattern is initially detected;

a collation and synchronism decision device that collates the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating device operative, when the collation and synchronism decision device gives a decision for inconsistency I phase, for shifting a synchronism timing of the expectation data from the synchronism pattern detecting timing, as the initial one, by the time difference

recorded in the synchronism pattern detecting timing recording device.

20. (Withdrawn) A reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, comprising:

a phase difference recording device that records a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as a previous one at which the synchronism pattern is detected in a previous time;

a collation and synchronism decision device that collates the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and

a timing generating device operative, when the collation and synchronism decision device gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data by the time difference recorded in the synchronism pattern detecting timing recording device.